

Title (en)
SECONDARY BATTERY AND BATTERY MODULE

Title (de)
SEKUNDÄRBATTERIE UND BATTERIEMODUL

Title (fr)
BATTERIE SECONDAIRE ET MODULE DE BATTERIE

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Application
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Priority
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Abstract (en)
[origin: EP3686949A1] The disclosure relates to a secondary battery (20) and a battery module. The secondary battery (20) comprises a casing (21), which includes a receiving hole (21a) having an opening; a top cover assembly (22), which includes a top cover plate (221) connected to the casing (21) to close the opening; an electrode assembly (23), which is disposed within the receiving hole (21a), the electrode assembly (23) has an dimension of 0.01 mm to 1000 mm in an axial direction (X) of the receiving hole (21a), the electrode assembly (23) includes two end faces (23a) which are opposed to each other in a first direction (Y) perpendicular to the axial direction (X) and tabs (23b) extending from the end faces (23a), the electrode assembly (23) includes two or more electrode units (231) which are laminated in the axial direction (X), and in a second direction (Z) perpendicular to the axial direction (X) and the first direction (Y), the dimension of the tab (23b) is smaller than the dimension of the end face (23a); and a current collecting member (24), which is electrically connected to the tab (23b). The secondary battery (20) according to the disclosure comprises the electrode assembly (23) having the end face (23a) and the tab (23b) having a dimension smaller than that of the end face (23a), and therefore the electrolyte can be quickly and uniformly immersed into the interior of the electrode assembly (23) through the end face (23a), thereby making the electrode assembly (23) have high infiltration efficiency and good infiltration effect. (Fig. 2)

IPC 8 full level
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CPC (source: CN EP US)
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